



Features

- 7" 800 x 480 Open Frame Table with PCAP touch
- Rockchip RK3568J Quad-Core Cortex-A55 1.8GHz
- 4GB LPDDR4 / 64GB eMMC
- Dual Gigabit Ethernet
- Fanless operation from -30°C ~ +60°C
- Support Android 13, Debian 11



Rockchip
RK3568J



4GB LPDDR4/
64GB eMMC



Wide
Temperature



Android 13/
Debian 11



CAN Bus

Specifications

System Information

Processor	Rockchip RK3568J Quad-core Cortex-A55 1.8GHz
System Memory	4GB LPDDR4

Storage

Storage	64GB eMMC
Other Storage Device	1 x Micro SD Card Slot

Display

Graphic Chipset	Mali-G52 support OpenGL ES 1.1/2.0/3.2, Vulkan 1.0/1.1, OpenCL 2.0
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Ethernet

LAN Chipset	2 x Realtek RTL8211FDI
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ45

Power Requirement

DC Input	+12V ~ +24V
DC Input Connector	Lockable DC Jack
Power Type	AT

Software Support

OS	Android 13, Debian 11
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Panel

LCD Size	7"
Resolution	800 x 480
Touch Type	PCAP

External I/O

External I/O Connector	2 x 10/100/1000 RJ45 LAN 1 x DC Jack 1 x HDMI 2.0 Out 1 x Reset 1 x RS-232/422/485 DB9 2 x USB 3.0 Type A
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Internal I/O

USB	2 x USB 2.0 by pin header
COM Port	3 x RS232 by pin header 1 x RS232/422/485 by pin header
GPIO	1 x 16-bit GPIO by pin wafer
SIM Slot	1 x Nano SIM
Other	2 x CAN 1 x DC Input 1 x I ² C 1 x M.2 Key B(3042, SATA3/ USB 2.0, support SSD/LTE Module) 1 x RTC Battery 1 x Speaker 1 x Touch Button
Display Port	1 x eDP

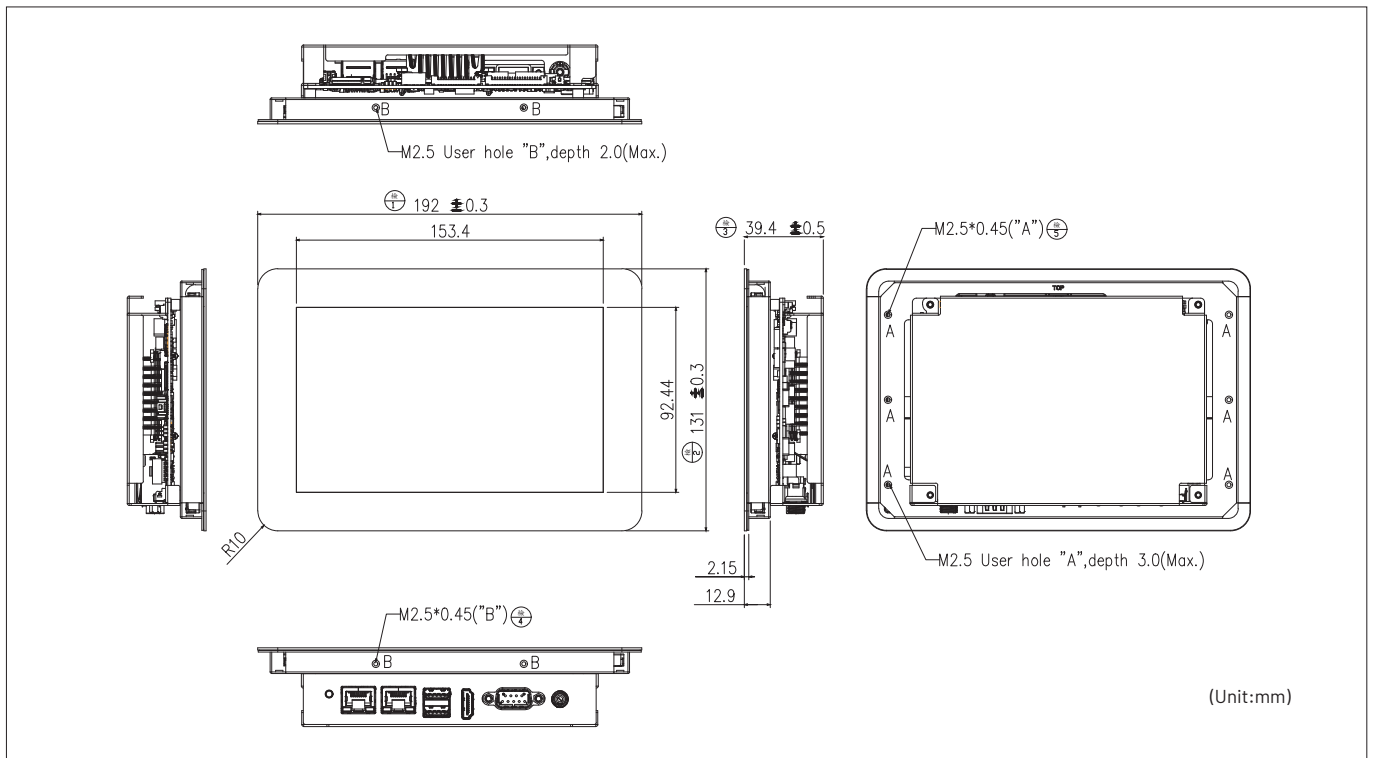
Wireless Communication

WLAN	802.11 a/b/g/n/ac/ax
Bluetooth	Optional BT 5.0

Mechanical & Environmental

Operating Temp.	-30°C ~ 60°C (-22°F ~ 140°F)
Storage Temp.	-30°C ~ 60°C (-22°F ~ 140°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (W x L x H)	192 x 131 x 39.4 mm

Mechanical Drawing



Ordering Information

P/N	Touch Type	Processor	Memory	Storage	Panel Size	Resolution	Brightness	I/O Ports (COM/USB/LAN)	Display Output	Power Input	Working Temp.	OS Support
OFT-07WR3-68-A1-1R	PCAP	Rockchip RK3568J	4GB LPDDR4	64GB eMMC	7"	480 x 800	500	0/2/2	HDMI	+12~24V DC in	-20°C ~ 60°C	Android 13
OFT-07WR3-68-A1-2R	PCAP	Rockchip RK3568J	4GB LPDDR4	64GB eMMC	7"	480 x 800	1000	0/2/2	HDMI	+12~24V DC in	-20°C ~ 60°C	Android 13

Packing List

Item	P/N	Quantity
7" Open Frame Tablet	OFT-07WR3	1

Optional Items

Item	P/N
12V Adapter	ACC-ADP-060N-08R
Power cord-12/24V-US	E1702031833R

I/O Overview

